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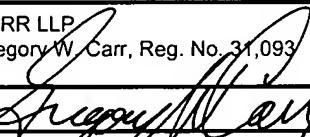
**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

		Application Number	10/606,583	
		Filing Date	06/26/2003	
		First Named Inventor	David William Boerstler	
		Art Unit	2816	
		Examiner Name	Linh M. Nguyen	
Total Number of Pages in This Submission		10	Attorney Docket Number	AUS920030145US1

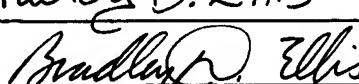
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return-receipt post card
Remarks Reply to Office Action dated April 1, 2004		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	CARR LLP Gregory W. Carr, Reg. No. 31,093 	
Signature		
Date	6/17/04	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Bradley D. Ellis	
Signature		Date 6/22/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ATTORNEY DOCKET NO.  
US920030145US1 (IBM 2643000)

PATENT APPLICATION  
SERIAL NO. 10/606,583



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: David William Boerstler

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Serial Number: 10/606,583

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Group Art Unit: 2816

Filed: June 26, 2003

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For: HIGH FREQUENCY  
PHASE/FREQUENCY DETECTOR WITH  
IMPROVED RESET MECHANISM

Examiner: Lihn M. Nguyen

Commissioner for Patents  
P.O. Box 1450  
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on: 6/22/04

Bradley D. Ellis  
Bradley D. Ellis

RESPONSE

Dear Sir:

In response to the Office Action dated April 1, 2004 ("Office Action"), Applicant  
responds as follows: